

STATEMENT OF QUALIFICATIONS

Name of Lab: Scientific Crime Detection Laboratory
5500 E. Tudor Road
Anchorage, AK 99507

Date: May 01, 2009

Name: Jack E. Hurd

Job Title: Forensic Scientist

Discipline(s): Indicate all areas in which you do casework.

Controlled Substances, Physical Matching

Education: List all higher academic institutions attended.

Institution	Dates attended	Major	Degree completed
University of Alaska-Anchorage	1986 - 1993	Chemistry	B.S.

Other Training: List continuing education, workshops, in-service and other formal training received.

09/03-6/08	Clandestine Laboratory Investigating Chemists Association 18 th Annual Technical Training Seminar , San Antonio, Texas
09/02/2007	<u>Analysis of Natural Products</u> , CLIC Workshop, San Antonio, Texas (8 hrs)
08/01-2/08	<u>Salvia Summit 2008 Lecture & Workshop</u> , Cabrillo College, Aptos, California.
09/05-8/07	Clandestine Laboratory Investigating Chemists Association 17 th Annual Technical Training Seminar , Las Vegas, Nevada
09/04/2007	<u>Tryptamine and Phenethylamine Workshop</u> , CLIC 2007, Las Vegas, Nevada (1 Day)
05/08-10/07	<u>Special Topics in Forensic Drug Chemistry Symposium</u> , Midwest Forensics Resource Center, Ames, Iowa (3 Days)
11/03/2005	<u>Breath Test Operator Certification Course</u> , Jeanne Swartz, Scientific Crime Detection Laboratory, Anchorage, Alaska (1 Day)
10/25-27/05	<u>DPS Civilian Leadership School</u> , Anchorage, Alaska (3 Days)
02/25/2005	<u>History of Microcrystal Tests for Drug Identification</u> , Hiram K. Evans, American Academy of Forensic Sciences, New Orleans, Louisiana
02/25/2005	<u>Practical Identity Using Microcrystal Tests</u> , Wayne Moorehead, American Academy of Forensic Sciences, New Orleans, Louisiana
02/21/2005	<u>Analysis of Samples From Clandestine Methamphetamine Laboratories</u> , American Academy of Forensic Sciences (1 day workshop), New Orleans, Louisiana
01/11-13/05	<u>GC-MSD Troubleshooting & Maintenance</u> , Agilent Technologies, Alpharetta, Georgia (24 hours)

04/28/03: “Winning Courtroom Confrontations: A Seminar on How to be an Effective Witness in the Courtroom.” by Valerie Van Brocklin, Law Enforcement Trainer, Anchorage, Alaska (8 hours)

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- 01/17-21/03: Clandestine Laboratory Analysis & Synthesis, California Criminalistics Institute, Jerry Massetti, Victor C. Reeve, Sacramento, CA (40 hours)
- 01/6 – 08/03: Forensic Digital Imaging, Imaging Forensics, George Reis, Anchorage, Alaska (24 hours)
- 07/08-13/01: Association of Firearm and ToolMark Examiners, 32nd Annual Training Seminar, Newport Beach, California. (40 hours)
- 07/11/01: Basic “Tactical Rifle” Armorers Course, Savage Arms, Inc., Newport Beach, California.
- 10/02-06/00: Firearms & Toolmarks Introduction II, California Criminalistics Institute, Sacramento, California (40 hours)
- 09/25-29/00: Firearms & Toolmarks Introduction I, California Criminalistics Institute, Sacramento, California (40 hours)
- 06/11-16/00: Association of Firearm and Tool Mark Examiners, 31st Annual Training Seminar, St. Louis, Missouri (40 hours)
- 11/10-11/99: Firearms Safety Training, California Criminalistics Institute, Vandenburg, California (40 hours)
- 10/08/99: Winning Courtroom Confrontations, Valerie Van Brocklin, Anchorage, Alaska (8 hours)
- 06/22-25/99: NIBIN/DRUGFIRE & APMS Training, Nichols Research, Rosslyn, Virginia (32 hours)
- 04/22/99: Drugs and Society (Jackie Long, Mick Mollica), Northwest Association of Forensic Scientists, Anchorage, Alaska (4 hours)
- 04/21/99: Forensic Art & Facial Reconstruction (Betty Pat Gatliff, Karen Taylor), Northwest Association of Forensic Scientists, Anchorage, Alaska (4 hours)
- 04/21/99: Clandestine Laboratory Overview For The Forensic Chemist (Roger Ely), U.S. Drug Enforcement Administration, Northwest Association of Forensic Scientists Anchorage, Alaska (4 hours)
- 04/20/99: Courtroom Demeanor & Testimony (Ray Brown), Northwest Association of Forensic Scientists, Anchorage, Alaska (2 hours)
- 12/07-11/98: Basic Clandestine Laboratory Safety Certification Program, U.S. Drug Enforcement Administration, Anchorage, Alaska (32 hours)
- 10/06-8/98: Clandestine Laboratory Investigations, Multijurisdictional Counterdrug Task Force Training Florida National Guard, Criminal Justice Institute, Anchorage, Alaska (24 hours)
- 12/08-12/97: DEA Forensic Chemist Seminar, Fairfax, Virginia (40 hours)

Crime Scene Response Team Training:

02/11/97 - Trace Evidence

01/14/97 - Documenting and Collecting Snow Impressions

12/10/96 - Blood Collection/Presumptive Testing

11/12/96 - Fingerprints and AAFIS

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Crime Scene Response Team Training (continued)

10/08/96 - Photography/Video Taping Crime Scenes
09/16/96 - Basic Use of Camcorder
09/10/96 - Crime Scene Diagramming
01/09/96 - Evidence Evaluation/Documentation, Collection/Packaging
12/14/95 - Photography
10/24/95 - Preliminary Processing

11/04-08/96: Law Enforcement Video Class & Workshop, Law Enforcement Coordinating Committee, U.S. Department of Justice and Alaska Peace Officers Association, Anchorage, Alaska (40 hours)
09/22-27/96: Breath Alcohol Supervisor School, Scientific Crime Detection Laboratory, Anchorage, Alaska (40 hours)
Jan-May 1996 Black & White Photography Course, University of Alaska-Anchorage (1 semester)
01/15-19/96: Crime Scene Investigation Course, Anchorage Police Department, Anchorage, Alaska (40 hours)
05/10-12/95: Crime Scene Reconstruction Workshop (Dr. Henry Lee) and Crime Scene Investigation for Law Enforcement (Dr. Richard Saferstein), Northwest Association of Forensic Scientists, Anchorage, Alaska (12 hours)

Courtroom Experience: List the discipline(s) in which you have qualified to testify as an expert witness and indicate over what period of time and approximately how many times you have testified in each.

Controlled Substances: From 1996 to present - testified 149 times
Physical Matching: From 1998 to present - testified 2 times
Firearm Identification: From 2001 to present - testified 1 time

Professional Affiliations:

Clandestine Laboratory Investigating Chemist Association (CLIC) - Member

Employment History: List all scientific or technical positions held, particularly those related to forensic sciences. List current position first. Give a brief summary of principal duties and tenure in each position.

- (1) Job Title: Forensic Scientist III (Criminalist III)
Employer: Alaska Department of Public Safety Scientific Crime Detection Laboratory
Anchorage, Alaska
Principal Duties: Analysis of evidence for controlled substances, court testimony.
Tenure: 12/99 – Present
- (2) Job Title: Criminalist II
Employer: Alaska Department of Public Safety Scientific Crime Detection Laboratory

Principal Duties: Anchorage, Alaska
Analysis of evidence for controlled substances; court testimony.
Tenure: 11/97 - 12/99

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Employment History: (continued)

- (3) Job Title: Criminalist I
Employer: Alaska Department of Public Safety Scientific Crime Detection Laboratory
Anchorage, Alaska
Principal Duties: Analysis of evidence for controlled substances; court testimony, crime scene investigations.
Tenure: 11/96 - 10/97
- (4) Job Title: Laboratory Technician I
Employer: Alaska Department of Public Safety Scientific Crime Detection Laboratory
Anchorage, Alaska
Principal Duties: Evidence custodian; crime scene investigations, assist in all areas of Criminalistics laboratory.
Tenure: 09/95 - 10/96
- (5) Job Title: Chemist
Employer: Analytical Technologies, Inc.
Anchorage, Alaska
Principal Duties: Performed analysis of petroleum hydrocarbons.
Tenure: 08/94 - 08/95
- (6) Job Title: Remedial Project Manager
Employer: University of Tennessee Waste Management
Anchorage, Alaska
Principal Duties: Environmental cleanup of Air Force sites within Alaska.
Tenure: 05/94 - 11/94

Other Qualifications: List below any scientific publication and/or presentation you have authored or co-authored, research in which you are or have been involved, academic or other teaching positions you have held, and any other information which you consider relevant to your qualification as a forensic scientist.

MEETINGS ATTENDED:

CLIC 18th Annual Training Seminar
2008 – San Antonio, Texas
CLIC 17th Annual Training Seminar
2007 – Las Vegas, Nevada
American Academy of Forensic Sciences
2005 – New Orleans, Louisiana
Association of Firearm and Toolmark Examiners
2001 – Newport Beach, California
Association of Firearm and Toolmark Examiners
2000 - St. Louis, Missouri
Northwest Association of Forensic Scientists
1999 - Anchorage, Alaska

Northwest Association of Forensic Scientists
1995 - Anchorage, Alaska

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PRESENTATIONS:

Salvia divinorum botanical identification - Analysis of Natural Products Workshop – CLIC. San Antonio, Texas
(Sep. 2, 2008)

Salvia divinorum presentation at the Midwest Forensics Resource Center; Ames, Iowa (May 9, 2007)

RESEARCH:

Chemical Chaos/Chemical Pattern Formations, University of Alaska-Anchorage, 1991-1993.

Salvia divinorum, Alaska Scientific Crime Detection Laboratory, 2008

CLASSES TAUGHT TO LAW ENFORCEMENT PERSONNEL BY Jack E. Hurd:

Physical Evidence at Crime Scenes

12/10-12/03	Village Police Officers, Anchorage, Alaska
11/10-11/99	Village Police Officers, King Salmon, Alaska
11/23-25/98	ALET #20, DPS Training Academy, Sitka, Alaska
11/24-26/97	ALET #18, DPS Training Academy, Sitka, Alaska
04/07-11/97	Village Public Safety Officer Training Academy, King Salmon, Alaska
11/19-21/96	ALET #16, DPS Training Academy, Sitka, Alaska

Controlled Substances

May 2008	Matsu Valley & Airport Police, Anchorage, Alaska
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Beta Tester (Reviewer) – Introduction to Drug Chemistry - Online Course; West Virginia University Forensic Science Initiative, Samantha Huffman [Instructional Coordinator], May 2008